

Title (en)

Valve gated injection molding device

Title (de)

Verschlussdüsenvorrichtung zum Spritzgiessen

Title (fr)

Dispositif de buse à obturation pour moulage par injection

Publication

EP 1034911 A1 20000913 (EN)

Application

EP 00105233 A 20000313

Priority

US 26808399 A 19990312

Abstract (en)

A hot runner valve gated injection molding device (8) which directs melt from a melt channel (38) to a mold cavity (48), including a guide sleeve (58) positioned at the gate end of the nozzle body (10) and surrounding the valve stem (52) to guide the valve stem (52) inside the guide sleeve (58) and to provide a sealing means at the gate end of the nozzle body (10). <IMAGE>

IPC 1-7

B29C 45/28; **B29C 45/30**

IPC 8 full level

B29C 45/26 (2006.01); **B29C 45/28** (2006.01)

CPC (source: EP US)

B29C 45/2806 (2013.01 - EP US); **B29C 2045/2762** (2013.01 - EP US)

Citation (search report)

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- [DX] US 4095931 A 19780620 - REITAN DAVID M
- [DA] US 4705473 A 19871110 - SCHMIDT HARALD H [CA]
- [DA] US 4925384 A 19900515 - MAENNER OTTO [DE]
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Designated contracting state (EPC)

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